

WEST Search History

DATE: Tuesday, June 24, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT; PLUR=YES; OP=OR</i>			
L14	L11 and water	67	L14
L13	L11 and wastewater	0	L13
L12	L11 and ozone	4	L12
L11	((205/536)!.CCLS.)	96	L11
L10	L9 and water	103	L10
L9	((205/516)!.CCLS.)	158	L9
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
L8	L7 and toc	30	L8
L7	L6 and l5	233	L7
L6	water near10 (carbonic or carbonate)	61664	L6
L5	ozone near10 water	12889	L5
L4	L3 and TOC	201	L4
L3	L2 and (carbonic or carbonate)	8268	L3
L2	ozone and water	37148	L2
<i>DB=USPT; PLUR=YES; OP=OR</i>			
L1	ozone and water	20719	L1

END OF SEARCH HISTORY

WEST**End of Result Set** [Generate Collection](#) [Print](#)

L8: Entry 30 of 30

File: DWPI

Sep 27, 1994

DERWENT-ACC-NO: 1994-346387

DERWENT-WEEK: 199443

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TITLE: Control of ozone amount added in water-treating process - by measuring total organic and total carbonate concn, and calculating amt of ozone for deodorisation from algorithm

PATENT-ASSIGNEE:

ASSIGNEE	CODE
FUJI ELECTRIC CO LTD	FJIE

PRIORITY-DATA: 1991JP-0106153 (May 13, 1991), 1990JP-0312029 (November 16, 1990)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 06269786 A	September 27, 1994		007	C02F001/78

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 06269786A	August 20, 1991	1991JP-0207066	

INT-CL (IPC): C02F 1/78

ABSTRACTED-PUB-NO: JP 06269786A

BASIC-ABSTRACT:

In a water treating process, a musty smell emitting substance (A) in water is decomposed by introducing O3. The TOC concn. and total carbonate concn. in raw water are measured; O2 amount required for decomposing (A) is obtained from the measured results using a predetermined algorithm and amount of O3 added to a reaction tank is controlled based on the results.

USE - For properly controlling O3 amount added.

CHOSEN-DRAWING: Dwg.0/9

TITLE-TERMS: CONTROL OZONE AMOUNT ADD WATER TREAT PROCESS MEASURE TOTAL ORGANIC TOTAL CARBONATE CONCENTRATE CALCULATE AMOUNT OZONE DEODORISE ALGORITHM

DERWENT-CLASS: D15 E36

CPI-CODES: D04-A01H; D04-A01K; D04-B; E31-D03;

CHEMICAL-CODES:

Chemical Indexing M3 *01*

Fragmentation Code

C408 C550 C810 M411 M424 M781 M903 M904 M910 Q231

R013

Specfici Compounds

01887U

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L8: Entry 28 of 30

File: JPAB

Sep 27, 1994

PUB-NO: JP406269786A

DOCUMENT-IDENTIFIER: JP 06269786 A

TITLE: METHOD FOR CONTROLLING OZONE INJECTION IN WATER TREATING PROCESS

PUBN-DATE: September 27, 1994

INVENTOR-INFORMATION:

NAME	COUNTRY
SHIGENIWA, TAKEO	
OKADA, MITSUMASA	
MOTOYAMA, NOBUYUKI	
MORIOKA, TAKAYUKI	
SHIMIZU, KOJI	
HOSHIKAWA, HIROSHI	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
FUJI ELECTRIC CO LTD	

APPL-NO: JP03207066

APPL-DATE: August 20, 1991

INT-CL (IPC): C02F 1/78; C02F 1/00

ABSTRACT:

PURPOSE: To inject ozone neither too much nor too little at the time of treating water to remove the musty substance by compensating the effect of the humus and carbonic acid in raw water on the decomposition of musty substance.

CONSTITUTION: The ozone generated by an ozonizer 3 is diffused into the raw water contg. musty substance introduced into a reaction tank 1 through a diffuser pipe 2 to decompose the musty substance in the water treating process. The concn. of the total org. carbon(TOC) and total carbonic acid concn. in the raw water are measured by a TOC analyzer 5, an appropriate amt. of ozone necessary to decompose the musty substance in the raw water is obtained by a computing element 6 by using specified algorithm based on the measured values, and the result is outputted to a control part 7 to control the amt. of ozone to be generated from the ozonizer 3.

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